

# CKC RHIZOFLO

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

### RHIZOFLO

Supplied by:  
 Dudutech Integrated Pest Management Ltd,  
 A Bioline Agrosciences Group Company.  
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 Naivasha, Kenya

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Manufactured by:  
 Laboratorios CKC Argentina S. A.,  
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 1437 Buenos Aires, Argentina

## 2. COMPOSITION/INFORMATION OF INGREDIENTS

Preparation contains

- › Biofertilizer for use in agriculture for Wheat, Maize, Sorghum, Sunflower, Soybean. Growth promoting bacteria and soil phosphorus solubilizers, Genetically Selected (*Azospirillum brasilense* and *Pseudomonas fluorescens*).

| Ingredient                     | Concentration                |
|--------------------------------|------------------------------|
| Liquid culture medium          | 100%                         |
| <i>Azospirillum brasilense</i> | > 1 x 10 <sup>9</sup> CFU/ml |
| <i>Pseudomonas fluorescens</i> | > 1 x 10 <sup>8</sup> CFU/ml |
| Dispersants and water          | sufficient amount to 100%    |

## 3. HAZARDS IDENTIFICATION

- › No human health hazards.
- › No environmental hazard.

## 4. FIRST AID MEASURES

General information

- › No known symptoms or effects.
- › In case of inhalation move the person to fresh air. If symptoms persist, seek medical advice.
- › In case of Skin contact flush skin with plenty of water. Seek medical advice if irritation occurs and persists.
- › In case of Eye contact Rinse thoroughly with plenty of water for several minutes (10 - 15). Seek medical advice if irritation persists.
- › In case of ingestion seek immediate medical advice. Induce vomiting by drinking salt water.

## 5. FIRE FIGHTING MEASURES

- › Non flammable / non-combustible.
- › No special exposure hazards.
- › Use normal foam or water spray to extinguish fire.
- › Wear protective clothing, eye protection and self-contained respiratory equipment.

## 6. ACCIDENTAL RELEASE MEASURES

- › No specific personal precautions see. Section 8.
- › No specific environmental precautions.
- › Accidental release poses no threat to the handler or the environment.

## 7. HANDLING AND STORAGE

- › Avoid contact with eyes, wear safety glasses.
- › For hygiene, wear rubber gloves.
- › Wash hands after handling.
- › Keep in closed container in a well ventilated area between 15 - 25 ° C.
- › Do not expose to sunlight.
- › Do not store with food, beverages or clothing.
- › Do not store the reach of children, inexperienced people or animals.
- › If stored in the refrigerator should be placed away from the freezer.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- › Hands: PVC gloves.
- › Eyes: Safety glasses.
- › Other protective equipment: cotton overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                     |  |
|---------------------|--|
| Form                | Liquid, peat slurry                      |
| Colour              | Brown                                    |
| Odour               | None                                     |
| Relative density    | 1g/mL                                    |
| pH                  | 6.8 - 8.0                                |
| Solubility in water | Soluble                                  |
| Boiling point       | Not applicable                           |
| Decomposition       | Stable at temperatures between 4 - 25°C. |

## 10. STABILITY AND REACTIVITY

- › Stable at temperatures between 4 - 25°C.
- › Live organisms; do not expose to extreme conditions or sunlight. No materials to avoid.
- › No hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

|                     |                    |
|---------------------|--------------------|
| General             | Non-Toxic          |
| Acute Toxicity Oral | Data not available |
| Accute Inhalatory   | Data not available |
| Skin irritation     | Data not available |
| Eye Irritation      | Data not available |

- › For human effects, refer to section 4 on the toxic effects of the formulation.
- › Information given is based on data for the formulation (unless otherwise specified).

## 12. ECOLOGICAL INFORMATION

- › Information given is based on ecotoxicological knowledge of the product.
- › No ecological hazards.
- › Degrades by microbial activity.

## 13. DISPOSAL CONSIDERATION

- › Disposal should be in accordance with applicable law. Due to the characteristics of biological product removal treatment is similar to that applied to the domestic waste.

## 14. TRANSPORT INFORMATION

- › Not dangerous cargo, keep under dry and cool conditions during transit.

## 15. REGULATORY INFORMATION

- › Product label conforms to PCPB Kenya (CAP 346) requirements.

## 16. OTHER INFORMATION

- › Packaging is foil sachets.

## DISCLAIMER

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